

PATENT COOPERATION TREATY

R

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

<p>To:</p> <p>MARKS & CLERK Attn. Talbot-Ponsonby, D. F. 4220 Nash Court Oxford Business Park South Oxford, Oxfordshire OX4 2RU UNITED KINGDOM</p>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">RECEIVED 31 JAN 2005 MARKS AND CLERK</p> </div> <p style="text-align: right;">NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION</p>
(PCT Rule 44.1)	
<p>Date of mailing (day/month/year)</p>	<p>01/02/2005</p>
<p>Applicant's or agent's file reference DTP.P52531WO</p>	<p>FOR FURTHER ACTION See paragraphs 1 and 4 below</p>
<p>International application No. PCT/EP2004/050475</p>	<p>International filing date (day/month/year)</p> <p style="text-align: center;">07/04/2004</p>
<p>Applicant</p> <p>ONE2SEE LIMITED</p>	

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90*bis*.1 and 90*bis*.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until **30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

<p>Name and mailing address of the International Searching Authority</p> <div style="display: flex; align-items: center;"> <div> <p>European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016</p> </div> </div>	<p>Authorized officer</p> <p style="text-align: center;">Iveta Bujanska</p>
---	---

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DTP.P52531WO	FOR FURTHER ACTION <div style="text-align: right; font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div>	
International application No. PCT/EP2004/050475	International filing date (day/month/year) 07/04/2004	(Earliest) Priority Date (day/month/year) 09/04/2003
Applicant ONE2SEE LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 7a

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050475

A. CLASSIFICATION OF SUBJECT MATTER

J⁷ H01L51/20 H05B33/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09F H05B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/30304 A (PHILLIPS PLASTICS CORP) 17 June 1999 (1999-06-17)	1,2
A	page 5, line 19 - page 6, line 12; figures 1,2,6	3-31
A	----- WO 00/48166 A (HUBBELL DAVID) 17 August 2000 (2000-08-17) cited in the application abstract; figure 2	1-31
A	----- DE 201 20 997 U (MOSER HELMUT) 28 March 2002 (2002-03-28) the whole document	1-31
X	----- DE 201 20 643 U (CHANG PENG KUAN) 21 March 2002 (2002-03-21)	13
A	abstract; figure 3	1-12, 14-31



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

01/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pavlov, V

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050475

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9930304	A	17-06-1999	AU 1633499 A	28-06-1999
			CA 2313468 A1	17-06-1999
			EP 1042745 A1	11-10-2000
			JP 2001526444 T	18-12-2001
			WO 9930304 A2	17-06-1999
			US 6255776 B1	03-07-2001
WO 0048166	A	17-08-2000	AU 3694700 A	29-08-2000
			WO 0048166 A1	17-08-2000
			US 6422714 B1	23-07-2002
DE 20120997	U	28-03-2002	DE 20120997 U1	28-03-2002
			EP 1323807 A2	02-07-2003
DE 20120643	U	21-03-2002	DE 20120643 U1	21-03-2002

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing

(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION

See paragraph 2 below

International application No.
PCT/EP2004/050475

International filing date (day/month/year)
07.04.2004

Priority date (day/month/year)
09.04.2003

International Patent Classification (IPC) or both national classification and IPC
H01L51/20, H05B33/12

Applicant
ONE2SEE LIMITED

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☒ Box No. VII Certain defects in the international application
- ☒ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized Officer

Pavlov, V

Telephone No. +49 89 2399-6067



Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application,

☒ claims Nos. 29-31

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):

☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 29-31 are so unclear that no meaningful opinion could be formed (*specify*):

see separate sheet

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for the whole application or for said claims Nos.

☐ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:

the written form

☐ has not been furnished

☐ does not comply with the standard

the computer readable form

☐ has not been furnished

☐ does not comply with the standard

☐ the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-*bis* of the Administrative Instructions.

☐ See separate sheet for further details

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2004/050475

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	3-12,14-28
	No: Claims	1,2,13
Inventive step (IS)	Yes: Claims	3-12,14-28
	No: Claims	1,2,13
Industrial applicability (IA)	Yes: Claims	1-28
	No: Claims	

2. Citations and explanations

see separate sheet

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

Re Item III.

- 1 Although claims 29 and 30 have been drafted as separate independent claims, they appear to relate effectively to the same subject-matter, namely a method of emitting light from a light-emitting panel, and to differ from each other only with regard to the definition of the subject-matter for which protection is sought. The aforementioned claims therefore lack conciseness and as such do not meet the requirements of Article 6 PCT.
- 1.1 In order to overcome this objection it would appear appropriate to file an amended set of method claims defining the relevant subject-matter in terms of a single independent claim per category followed by dependent claims covering features which are merely optional (Rule 6.4 PCT).

Re Item V.

- 1 The following documents are referred to in this communication:

D1 : WO 99/30304 A (PHILLIPS PLASTICS CORP) 17 June 1999 (1999-06-17)
D2 : DE 201 20 997 U (MOSER HELMUT) 28 March 2002 (2002-03-28)

2 INDEPENDENT CLAIM 1

- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of current claim 1 is not new in the sense of Article 33(2) PCT.
Document D1 see fig.1 discloses (the references in parentheses applying to this document):

A light-emitting panel (10), comprising: a transparent substrate (22); a plurality of electroluminescent elements (20) on the surface of the transparent substrate; and electrical supply means (16, 18) arranged between the electroluminescent elements, arranged so that an alternating voltage can be applied across each of the electroluminescent elements (20) in a direction substantially parallel to the surface of the transparent substrate (22).

3 INDEPENDENT CLAIM 13

- 3.1 The subject-matter of current claim 13 which is drafted as separate independent claim is not new in the sense of Article 33(2) PCT.

Document D2 see fig. 3 discloses (the references in parentheses applying to this document):

A light-emitting panel (30) comprising a first array of electroluminescent elements (34) arranged to emit light of a first colour (R), and a second array of electroluminescent elements (34) arranged to emit light of a second colour (G).

4 DEPENDENT CLAIM 2

Dependent claim 2 does not contain any features which, in combination with the features of claim 1 meet the requirements of the PCT in respect of novelty and inventive step (Article 33(2) and (3) PCT). Document D1 see fig.1 discloses (the references in parentheses applying to this document):

A light-emitting panel (30), wherein the electroluminescent elements (20) are in the form of elongate strips of electroluminescent material.

5 INDEPENDENT CLAIM 23

- 5.1 Document D1, which is considered to represent the most relevant state of the art, discloses (the references in parentheses applying to this document):

A light-emitting panel, comprising: a transparent substrate (22); a plurality of electroluminescent elements (20) on the surface of the transparent substrate; and a plurality of conductive elements, arranged so that a voltage can be applied across each of the plurality of electroluminescent elements.

From this, the subject-matter of independent claim 23 differs in that the light-emitting panel comprises a plurality of dielectric elements located between the electroluminescent elements; and the conductive elements are in contact with the dielectric elements, so that a voltage can be applied across each of the electroluminescent elements.

- 5.2 The subject-matter of claim 23 is therefore novel (Article 33(2) PCT)

The problem to be solved by the present invention may be regarded as how to simplify

manufacture of the light-emitting panel and to increase the lifetime of the electroluminescent elements.

- 5.3 The solution of the above stated problem consist in that the light-emitting panel has a plurality of dielectric elements (51-54) which are in contact with the respective conductive elements (45, 46). The dielectric elements are located between the electroluminescent elements so that an alternating voltage can be applied across each of the electroluminescent elements in direction parallel to the surface of the transparent substrate (41). That provides the advantage that the panel is cheap and simple to manufacture, because conductive transparent layer is avoided, thereby eliminating the need for difficult deposition under vacuum. An alternating voltage source can be connected to the conductive elements in pairs so that alternate electroluminescent elements are activated. This doubles the lifetime of each array of electroluminescent material. None of the cited prior art documents discloses or fairly suggests to provide a plurality of located between the electroluminescent elements dielectric elements, which are in contact with the respective conductive elements. Claim 23 meets therefore the requirements of Article 33(2), 33(3) PCT.

6 INDEPENDENT CLAIM 26

- 6.1 This claim describes a sign panel, comprising a light-emitting panel of claim 23 and as such also meets the requirements of the PCT with respect to novelty and inventive step.

7 INDEPENDENT CLAIM 28

- 7.1 This claim describes a method of manufacturing a light-emitting panel of claim 23 and as such also meets the requirements of the PCT with respect to novelty and inventive step.

Re Item VII.

- 1 To meet the requirements of Rule 6.3(b) PCT, the independent claims should be properly cast in the two part form, with all those features which in combination are part of the prior art being placed in the preamble.

- 2 Reference signs in parentheses should be inserted in the claims to increase their intelligibility (Rule 6.2(b) PCT). This applies to both the preamble and characterising portion of all claims, independent or dependent.
- 3 According to the requirements of Rule 5.1(a)(ii) PCT the document D1 should be mentioned in the description and the relevant background art disclosed therein should be briefly discussed.
- 4 The description must be brought into conformity with the claims.
Care should be taken during revision, especially of the introductory portion including any statements of problem or advantage, not to add subject-matter which extends beyond the content of the application as originally filed, Article 34(2)(b) PCT.

Re Item VIII.

- 1 It is clear from the description on page 9 that the following features are essential to the definition of the invention:
 - a plurality of dielectric elements located between the electroluminescent elements
 - a plurality of conductive elements in contact with the dielectric elements.

Since independent claim 1 does not contain these features it does not meet the requirement following from Article 6 PCT taken in combination with Rule 6.3(b) PCT that any independent claim must contain all the technical features essential to the definition of the invention.
- 2 Moreover, such an amended claim 1 would relate effectively to the same subject-matter as claimed in claim 23. It would therefore appear appropriate to file an amended set of claims defining the relevant subject-matter in terms of a single independent claim per category followed by dependent claims covering features which are merely optional (Rule 6.4 PCT).
- 3 The independent claim 13 should be made dependent of claim 12 in order to meet the requirements of Article 6 PCT taken in combination with Rule 13.1 PCT.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/EP2004/050475

- 4 The method claim 28 should refer to the light-emitting panel according to claim 1 in order to meet the requirements of Article 6 PCT taken in combination with Rule 13.1 PCT.

* * *